STEPAN COMPANY R&D

0-26-00

Ploase type a plus E(0) (-) Ida/de this pox -> | +

PTOISBIOS ACENT Approved for use through 09/30/2000, OMN 08310,000 PRINGLED Trudomer's Office U.S. DEPARTMENT OF COMMERCE Edition of Information or eas it displays a vaid OMN control of the Unger the Papulyouk Ruduction Act of 1905, to persons are required to respond to a

UTILITY PATENT APPLICATION TRANSMITTAL

Allomoy Docket Na. T99,005-B First Inventor or Application Identified Eric Geiger See 1 in Addendum

(Chaly for new nonprovisional applications under 37 C.F. R. § 1.53(b)) Express Mail Label No. PK 323647096US

ADDRESS TO: Dux Patent Application Washington DC 20231 X Fee Transmittal Form (a.g., PTO/SB/17) (Submit an adultional set for fee processing) X Specification	ADDRESS TO: Dux Patent Application (National Section 2015) Dux Patent Application (National Section 2015)	ADDRESS TO: Dux Patent Application (National ADDRESS TO: Dux Patent ADDRESS TO: Dux Patent ADDRESS TO: Dux Patent Application (National ADDRESS TO: Dux Patent ADDRESS						
Submit of ordinary and a deplicate for fee processing! Specification Crear Pages Crear	(Submit an original and a displaced for the processing) X Specification (Following Age of 20) Secretication (Following Age of 20) Descriptive little of the threation (Following Age of 20) Class References to Related Applications Statement Rogarding Feel spaceage R & D Reference in Micro' che Appendix Dackground of the Invention Brief Sumpary of the Invention Invention Invention Invention Invention Invention Invention Inferior Inve	Submit an original and a displace for the processing Submit and original and a displace for the pages Submit and su	SOO MPEP c		· · · · · · · · · · · · · · · · · · ·			
Specification (grefored arrangement set forth bolow) Descriptive title of this triviation Cross References to Related Applications Statement Regarding Fed sponsored R & D Reforence to Micro' che Appendix Background of the Invention Brief Summary of the Invention Brief Summary of the Invention Brief Description Claim(s) Description Claim(s) Abstract of tiplo Disclosure Deswing(s) (35 U.S.C. 113) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Description Brief Statement (IDS)(PTO-1449) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Copy from a prior application (37 C.F.R. § 1.53(d)) Drawing(s) (35 U.S.C. 113) Drawing(s) (35 U.S.C	Specification Traiglings Specification Traiglings Specification Construction of the invention Construction of the Upawings (if filed) Construction of the Science of the Upawings (if filed) Construction of the Science of the Upawings (if filed) Construction of the Science of the Upawings (if filed)	Specification Train Pages 52 1 6 Nycleadide and/or Anytho Acid Squarce Submission (if applicable, all received arrangement) set front below) 1 1 1 1 1 1 1 1 1	\mathbf{X}_{i}	Fee Transmittal Form (p.g., PTO/SB/17) Submit on orbital and a dividente for tea expensional	5. Microfiche Computer Program (Appendix)			
- Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed spenetred R & D - References to Micro' che Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Urawings (if filed) - Octailed Description - Claim(s) - Abstract of the Disclosure 3. Drawing(s) (35 U.S.C. 113) [Total Sheets - Drawing(s) (35 U.S.C. 113) [Total	Descriptive title of the threshold of the Upawings (if field) - Detailed Description - Cit and (s) - Abstract of tijle Disclosure 3. Drawing(s) (35 U.S.C. 113) [Total Sheets] - Drawing(s) (35 U.S.C. 113) [Total Sheets] - Drawing(s) (35 U.S.C. 113) [Total Sheets] - X. Newly executed (original of cropy) - Drawing(s) (35 U.S.C. 113) [Total Sheets] - X. Newly executed (original of cropy) - Drawing(s) (35 U.S.C. 113) [Total Sheets] - X. Newly executed (original of cropy) - Drawing(s) (35 U.S.C. 113) [Total Sheets] - X. Newly executed (original of cropy) - Drawing(s) (35 U.S.C. 113) [Total Sheets] - X. Newly executed (original of cropy) - Drawing(s) (35 U.S.C. 113) [Total Sheets] - Drawing(s) (35 U.S.C. 113) [Total Sheets] - X. Newly executed (original of cropy) - Drawing(s) (35 U.S.C. 113) [Total Sheets] - X. Newly executed (original of cropy) - Drawing(s) (35 U.S.C. 113) [Total Sheets] - X. Newly executed (original of cropy) - X. Newly execute	- Descriptive life of the Invention - Cross References to Related Applications - Stammant Regarding Fed sequence R & D - References to Related Applications - Stammant Regarding Fed sequence R & D - Reference to Microf the Appendix - Background of the Invention - Brief Description of the Upswings (if filed) - Ontained Description - Cis m(s) - Abstract of the Official supe - Abstract of the Official supe - Drawing(s) (35 U.S.C. 113) Total Shaers 1 - A. Coulty or Decideration - Drawing(s) (35 U.S.C. 113) Total Shaers 1 - A. Coulty or Decideration - Drawing(s) (35 U.S.C. 113) Total Shaers 1 - A. Coulty or Decideration - Drawing(s) (35 U.S.C. 113) Total Shaers 1 - D. Copy from a prior application (37 C.F.R. § 1.53(d)) - D. Copy from a prior application (37 C.F.R. § 1.53(2 X S	pecification Total Pages 1	6 Nyclacilde and/or Amijro Acid Sequence Submission (if applicable, all nucossary)			
Sistement Rogarding Fed spenaried R & D Roforonge to Micro* che Appendix Background of the Invention Brief Summary of the Invention Brief Description of the Urawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) [Total Sheets] Newly executed (original or apply B. Copy from a prior application (37 C.F.R. § 1.63(4)) Copy from a prior application (37 C.F.R. § 1.63(4)) B. Copy from a prior application (37 C.F.R. § 1.63(4)) Signed statement attached deleting inventorial stached deleting inventorial prior application (38 C.F.R. § 1.63(4)) Signed statement attached deleting inventorial statement (in application (38 C.F.R. § 1.63(4)) Signed statement (in application (38 C.F.R. § 1.63(4)) Signed statement (in application (38 C.F.R. § 1.63(4)) Statement	Six amunit Rogarding Fed spending R & D Retaronice to Micro* che Appendix - Background of the Invention - Brief Description - Brief Description of the Drawings (if filed) - Diretallog Description - Cla m(s) - Abstract of the Drawings (if filed) - Drawings (if filed) - Cla m(s) - Abstract of the Drawings (if filed) - Drawings (if filed) - Cla m(s) - Abstract of the Drawings (if filed) - Cla m(s) - Abstract of the Drawings (if filed) - Drawings (if filed) - Cla m(s) - Abstract of the Drawings (if filed) - Claim or Doclaration - Claim or Doclaration - Claim or Doclaration - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application (37 C.F. f. § 1.63(d)) - Copy term a prior application of the prior application (10.5) - Copy term a prior application (10.5) - Continuous Divisions (10.5)	Sistement Roperting Feet spendance R. E. P. Roteronce to Micro* the Appendix - Roteronce to Micro* the Appendix - Background of the Invention - Brief Description of the Dyawings (if filed) - Detailed Description - Cit m(s) - Cham(s) - Abstract of the Dyawings (if filed) - Cit m(s) - Abstract of the Dyawings (if filed) - Cit m(s) - Abstract of the Dyawings (if filed) - Cit m(s) - Abstract of the Dyawings (if filed) - Cit m(s) - Abstract of the Dyawings (if filed) - Cit m(s) - Abstract of the Dyawings (if filed) - Cit m(s) - Abstract of the Dyawings (if filed) - Cit m(s) - Abstract of the Dyawings (if filed) - Abstract of the Dyawings (if filed) - Abstract of the Dyawings (if filed) - Cit m(s) - Abstract of the Dyawings (if filed) - Abstract of the Dyawings (if fi			a. Computer Readable Copy			
- Roferonce to Micro* the Appendix - Background of the Invention - Brief Summary of the Invention - Brief	- Rolaronce to Micre* che Appendix - Background of the Invention - Brief Summary of the Invation - Brief Description - Brief Description - Cita m(s) - Octation Description - Cita m(s) - Abstract of tijo Disclosure 3.	- Reference to Micro* the Appendix - Background of the Invention - Brief Description of the Invention - Brief Description of the Upavings (if Ried) - Clat m(s) - Champary of the Invention - Brief Description - Brief Description - Clat m(s) - Champary of the Experiment of the Upavings (if Ried) - Champary of the Experiment of the Upavings (if Ried) - Clat m(s) - Champary of the Experiment of the Upavings (if Ried) - Clat m(s) - Clat m(s) - Champary of the Experiment of the Upavings (if Ried) - Clat m(s) -		Cross Ruferences to Related Applications	Pager Copy (Idontical to computer copy)			
- Background of the Invention - Brief Summary of the Invention - Brief Description of the Urawings (if filed) - Detailed Description - Claim(s) - Octation Description - Claim(s) - Abstract of the Disclosure 3. Drawing(s) (35 U.S.C. 113) [Total Sheets	- Background of the Invention - Brief Summary of the Invention - Brief Describtion of the Upakings (if filed) - Detailed Description - Claim(s) - Claim(s) - Abstract of tipe Disclosure 3. Drawing(s) (35 U.S.C. 113) [Total Sheets] 3. Drawing(s) (35 U.S.C. 113) [Total Sheets] 4. Outhor Doctaration [Total Pupile 3] 5. X Newly oxecuted (original or compt) 6. Statement (InSyl)PTO-1449 C. Claimons 7. Small Entity - Preliminary Amendment 7. Small Entity - Small Entity - Statement (InSyl)PTO-0449 C. Internation of Continuous C. Internation of Statement (InSyl)PTO-0449 C. Internation of Continuous C. Internation of Statement (InSyl)PTO-0449 C. Internation of Continuous C. Internation Continuous C. Internation of Continuous C. Internation Continuous C. Internation Continuous C. Internation Continuous C. Internation Continuous C. Interna	Background of the Invention - Brief Sumpary of the Invention - Brief Description of the Urawings (if filed) - Detailed Description - Claim(s) - Detailed Description - Claim(s) - Abstract of tipo Disclosure 3.						
Brief Summary of the Invention Brief Description of the Orawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) [Total Sheets] Drawing(s) (35 U	Brief Summary of the Invention Brief Description Brief Description Claim(s) Claim(s) Abstract of the Disclosure County or Declaration County or Declaration Tetal Places Tetal	Brief Summary of the Invention Brief Description Brief Description Cide (16) Obtained Description Cide (16) Cide (16) Abstract of the Disclosure Brief Description Cide (16) Abstract of the Disclosure Brief Description Could be described Description Could be described Description Brief Description Could be described Description Could	(•	William I			
- Brief Description of the Drawings (if filed) - Detailed Description - Clam(s) - Clam(s) - Abstract of the Disclosure - Abstract of the Disclosure - Clam(s) - Abstract of the Disclosure - Abstract of the Disclosure - Clam(s) - Abstract of the Disclosure - Abstract of the Disclosure of the Brior application No Disclosure of the Disclosure of the Brior application and In a praiminary amendment - Continuation of Divisional Application Exercise - Abstract of the Disclosure of the Brior application No Disclosure of the Disclosure of the Brior application and In a praiminary amendment - Continuation of Divisional Application and In antique disclosure of the Brior application on the abstract of the Disclosure of the Brior application on the Abstract of the Disclosure of the Brior application on the Abstract of the Disclosure of the Brior application on the Abstract of the Disclosure of the Brior application on the Abstract of the Disclosure of the Brior application on the Abstract of the Disclosure of the Brior appli	- Brief Description - Citaling Description - Abstract of tip Disclosure 3.	- Brief Description of the Oranings (if filed) - Oranilos Description - Clain(s) - Charlied Description - Clain(s) - Abstract of tipo Disclosure 3.	1					
- Abstract of tije Disclosure - Abstract of tije Disclosure Drawing(s) (35 U.S.C. 113) [Total Sheats	- Abstract of tipo Dioclosurys 3.	- Abstract of tijo Diocksurys 3. Drawing(s) (35 U.S.C. 11.3) [Total Sheets						
- Abstract of tije Disclosure - Abstract of tije Disclosure Drawing(s) (35 U.S.C. 113) [Total Sheats	- Abstract of tipo Dioclosurys 3.	- Abstract of tijo Diocksurys 3. Drawing(s) (35 U.S.C. 11.3) [Total Sheets	-	Detailed Description	8. 37 C.F.R.§3.73(b) Stutement X Power of			
3. Drawing(s) (35 U.S.C. 113) [Total Sheets] 10. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 C, tations 4. Outin or Doctaration [Tetal Pages 3] 11. Preliminary Amendment 5. X Newly executed (original or copy) 6. Copy from a prior application (37 C.F.R. § 1.63(d)) (Should be specifically itemized) 7. Signed statement attached deleting inventor(s) Signed statement attached deleting inventor(s) named in the unior application, see 37 C.F.R. § 1.63(d)) (Signed statement attached deleting inventor(s) named in the unior application, see 37 C.F.R. § 1.63(d)) (2 and 1.33(b). 14. Continuation of Continuation in the Unior State Propriet of Provided Application in the Unior State Propriet of Provided Application in the Unior State Provided Application and Information of Divisional Application and the accompanying continuation of Divisional Application part of the disclosure of the secondary of prior application and to be submitted application particular and part of the disclosure of the secondary of State Provided Application particular application particular application particular part of the disclosure of the secondary of prior application and the submitted application particular part of the disclosure of the secondary of prior application and the submitted application particular part of the disclosure of the secondary of prior application and the submitted application particular particular particular part of the Divisional Application particular particular particular particular particular	3. Drawing(s) (35 U.S.C. 113) Total Sheets 10 Information Disclosure Copies of IOS Statement (IOS)/PTO-1449 C. Caples of IOS C. Cations C. Cation	3 Orawing(s) (35 U.S.C. 113) Total Sheets 10 Information Disclosure Copies of IOS Statement (IOS)/PTO-1449 Customs Copies of IOS 4. Orath or Doctaration Information Infor	I					
4. Ostin or Dockaration 2. X Newly executed (original or copy) 3. X Newly executed (original or copy) 4. Ostin or Dockaration 5. X Newly executed (original or copy) 6. Copy from a prior application (37 C.F.R. § 1.53(d)) 7. Copy from a prior application (37 C.F.R. § 1.53(d)) 8. Copy from a prior application (37 C.F.R. § 1.53(d)) 9. Copy from a prior application (37 C.F.R. § 1.53(d)) 9. Statement filed in prior application 1. Signed statement attached deleting Inventor(s) named in the prior application Statement filed in prior application Statement filed in prior application 1. Signed statement attached deleting Inventor(s) named in the prior application Statement filed in prior application Statement (IDS)/PTO-1449 C.tahions 12. X Return Receipt Posteral (MPEP SO3) (Should be specifically itemized) Statement (IDS)/PTO-1449 12. X Return Receipt Posteral (MPEP SO3) (Should be specifically itemized) Statement filed in prior application (If foreign priority is claimed) 13. Statement filed in prior application Statement fi	4. Oath or Doctaration Total Plants 3 1 Prefinitingly Amendment 2. X Newly executed (original or copy) b. Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation with Bast 18 completion) (1 Prefinitingly Amendment (12 X (Should be specifically Hemized) (13 Status attingened with Bast 18 completion) (13 Status attingened attached doleting inventor(s) named in the prior application (14 Prof. Spon. 12) (14 Status attingened attached doleting inventor(s) named in the prior application (15 Status attingened) (16 foreign priority) Document(s) (16 foreign priority) is claimed) 19. YOT from 1825 11 is in organ 70 or primary of pay south Emitted (16 foreign priority) is claimed) 19. YOT from 1825 11 is in organ 70 or primary of pay south Emitted (16 foreign priority) is claimed) 19. YOT from 1825 11 is in organ 70 or primary of pay south Emitted (16 foreign priority) is claimed) 19. YOT from 1825 11 is in organ 70 or primary of pay south Emitted (16 foreign priority) is claimed) 19. YOT from 1825 11 is in organ 70 or primary of pay south Emitted (16 foreign priority) is claimed) 19. YOT from 1825 11 is in organ 70 or primary of pay south Emitted (17 foreign priority) is claimed) 19. YOT from 1825 11 is in organ priority in organ priority is claimed) 10. Other: 10. Other: 11. Prior good of Priority Posterni (MPEP 503) Status atting proor and deared 11. Organ priority is claimed 12. X (Should be specified) 13. Status atting proor and deared 14. Organ priority is claimed 15. Other: 16. Organ priority is claimed 17. Continuation (16 foreign priority) 18. It a Continuation organization and a priority and partial from 19 priority priorit	4. Oath or Doctaration Total Paper 3 1	r	The state of the s	Conjugation Discincure			
2. X Newly executed (original or copy) b. Copy from a prior application (37 C.F.R. § 1.63(d)) for continuation/divisional with Bas 18 complaints) DELETION OF INVENTOR(S) Statument filed in prior application (pyonic) (s) named in the prior application (s) (s) (foreign priority is claimed) VOIT (OUT 1895 14 is in original for the prior of phy small entity (s)	D. Copy from a prior application (37 C.F.R. § 1.63(d)) Copy from a prior application (37 C.F.R. § 1.63(d)) For continuation of the prior application (37 C.F.R. § 1.63(d)) For continuation of the prior application (37 C.F.R. § 1.63(d)) Small Entity Statement filed in prior application (37 C.F.R. § 1.63(d)) Statument(s) Statement filed in prior application (37 C.F.R. § 1.63(d)) Statument(s) Statement filed in prior application (37 C.F.R. § 1.63(d)) Statument(s) Statement filed in prior application (47 C.F.R. § 1.63(d)) Statument(s) Statement filed in prior application (47 C.F.R. § 1.63(d)) Certified Copy of Priority Document(s) (If family is claimed) Statement filed in prior application for the prior application (47 family is claimed) 14. Certified Copy of Priority Document(s) (If family is claimed) Statement filed in prior application for the prior application in the priority is claimed) Certified Copy of Priority Document(s) (If family is claimed) Statement filed in prior application for the prior application in the priority is claimed) Statement filed in prior application (If family is claimed) Certified Copy of Priority Document(s) (If family is claimed) Statement filed in prior application for the priority priority is claimed) 14. Certified Copy of Priority Document(s) (If family is claimed) Statement filed in prior application for the priority is claimed) (If family is claimed) Statement filed in prior application for the priority is claimed in the priority is claimed) Statement filed in prior application for the priority Document(s) (If family is claimed) Statement filed in prior application for priority is claimed (If family is claimed) Statement filed in prior application for the priority Document(s) (If family is claimed) Statement filed in prior application for the priority Document(s) (If family is claimed) Statement filed in prior application for the priority Document(s) (If family is claimed) Statement filed in prior application for the priority Document(s)	Displacements of the prior application (37 C.F.R. § 1.53(d)) b. Copy from a prior application (37 C.F.R. § 1.53(d)) copy from a prior application (37 C.F.R. § 1.53(d)) petertion of inventorions with Bas to compluted (37 C.F.R. § 1.53(d)) petertion of inventorions with Bas to compluted (37 C.F.R. § 1.53(d)) petertion of inventorions (37 C.F.R. § 1.53(d)) state state proof and deared (27 C.F.R. § 1.53(d)) petertion of inventorion in the prior application (37 C.F.R. § 1.53(d)) petertion of inventorion in the prior application (37 C.F.R. § 1.53(d)) petertion of inventorion in the prior application (41 C.F.R. § 1.53(d)) petertion of inventorion in the prior application (41 C.F.R. § 1.53(d)) petertion of petertion of petertion of petertion in the prior application of perior perior in the prior application integration in the prior application integration in Exeminer Continuation of Divisional Continuation in the prior application and is a perior application and in the prior application in the prior application and in the prior appli	a. [] u	rawing(s) (35 U.S.C. 113) [Total Sheets]				
b. Copy from a prior application (37 C.F.R. § 1.63(d)) For continuation/divisional with Bax 18 compluted) DELETION OF INVENTOR(S) Signed statement attached deleting Inventor(s) named in the prior application see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). POSITION OF INVENTOR(S) (If foreign priority is claimed) 13, Statement(s) Status stitl proper and desired (Certified Copy of Priority Document(s) (If foreign priority is claimed) 14. Certified Copy of Priority Document(s) (If foreign priority is claimed) 15. Other: 16. If a CONTINUING APPLICATION, chack appropriate text and supply the requisite information below and in a preliminary amondment: Prior upplication information: Exeminer Continuation Information: Exeminer For CONTINUATION of Divisional APPS only. The antire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, le considered a part of the disclosure of the secompanying continuation or divisional application and la hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadversantly emitted from the submitted application partia. 17. CORRESPONDENCE ADDRESS Cusiomer Number or that Cade Laber	b. Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 18 completed) (for continuation/divisional with Box 18 completed) (for continuation/divisional with Box 18 completed) (for continuation of inventors(s) (for continuation of inventors)	b. Copy from a prior application (37 C.F.R. § 1.63(d)) for continualization (47 circles) Small Entity Statement filed in prior application	4. Oath or	Doclaration [Tetal Pages 3]	11. Preliminary Amendment			
b. Copy firm a prior application (37 C.F.K. § 1.53(d)) for continualization/divisional with Bax 18 compluints) Determined in the prior application of inventors (S) Statement filed in prior application inventors (S) Statement attached deleting inventors (S) named in the prior application of Certified Copy of Priority Document(s) Signed statement attached deleting inventors (S) Statement filed in prior application of Certified Copy of Priority Document(s) Signed statement attached deleting inventors (S) Statement filed in prior application (S) Statement filed	B. Copy if the a prior application (27 C.F. N. § 1.53(d)) Continued bandwissing and with Base 12 completion 13, Statement filed in prior application 13, Statement 14, Statement 15, Statement 16, Statement 16	b. Copy files a prior application (47 C.P. 4. § 1.53(d)) For continuation(dysiscinal with Bas of completion) Signed statement attached deleting inventors, heart of completing inventors, heart of completing inventors, heart of the prior application, see 37 C.F.R. §\$ 1.53(d)(2) and 1.33(b). For the inventors in compare 70 at ryminary for pry swatt Printing Prior application, see 37 C.F.R. §\$ 1.53(d)(2) and 1.33(b). For the inventors of the prior application, see 37 C.F.R. §\$ 1.53(d)(2) and 1.33(b). For the inventors of the prior application inventors of the prior application information in the prior application information in the prior application information. For upplication information: Exeminer For Continuation of Divisional APPS only. The animal disclosure of the prior application in the which an oath or declaration is negligible under 80 Ab. In considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can prive reference. The incorporation can prive reference independently control from the submitted application partin. 17. CORRESPONDENCE ADDRESS Lincular Customer Na. or Attach box, code label here) Name Paul S. Tully Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield State attended (state) Federal Entity Status skii proper and destread (prior prior application of Prior prior application of Prior prior application of Prior prior application of Prior application in the Prior application of Prior application in the Prior applica	э.	X Newly executed (original of why)	12. X Return Raceipt Postcard (MPEP 503)			
Signed statement attached deleting inventors (s) named in the prior application priority is claimed (if foreign priority is claimed) [Inventor(s) named in the prior application sees 37 C, F, R. §\$ 1.6.7(4)(2) and 1.33(b). [Inventor(s) named in the prior application sees 37 C, F, R. §\$ 1.6.7(4)(2) and 1.33(b). [Inventor(s) named in the prior application priority is claimed (if foreign priority is claimed) [Inventor(s) named in the prior application priority is claimed (if foreign priority is claimed) [Inventor(s) named in the prior application priority is claimed (if foreign priority is claimed) [Inventor(s) named in the prior application priority is claimed (so the prior application not in a preliminary emergency. [Inventor(s) named in the prior application and is hereby incorporated by reference. The incorporation can prior be relied upon when a partion has been inadvariently emitted from the submitted application particular. [Inventor(s) named in the prior application in the prior application in the prior application in the prior application and is hereby incorporated by reference. The incorporation can prior the relied upon when a partion has been inadvariently emitted from the submitted application particular. [Inventor(s) named in the prior application in the prior application in the prior application and is hereby incorporated by reference. The incorporation can prior the prior application has been inadvariently emitted from the submitted application particular. [Inventor(s) named in the prior application	Standing of the state of the prior application of priority Documents of the prior application priority is claimed. Standing of the priority Documents of Certified Copy of Priority Documents of the priority of the priority is claimed. Standing of Priority Documents of Certified Copy of Priority Documents of the priority is claimed. Standing of Priority Documents of Certified Copy of Priority Documents of the priority is claimed. Standing of Priority Documents of Certified Copy of Priority Documents of the priority of the priority is claimed. Standing of Priority Documents of the priority Documents of the priority of the certified Copy of Priority Documents of the priority of the certified Copy of Priority Documents of the priority D	Signed statement attached doleting inventor(s) Signed statement attached doleting inventor(s) named in the prior application, see 37 C.F.R. §\$ 1.53(4)(2) and 1.33(b). [**POTE TOWN IF YET 1.5] in original of a trightless of a prior	b. [Copy from a prior application (37 C.F.R. § 1.63)	1)) Penti Cotto			
Signed statement attached deleting Inventor(s) named in the prior application, see 37 C, F,R. §\$ 1.63(U)(2) and 1.33(b). If foreign priority is claimed	Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. § 1.63(4)(2) and 1.33(b). 15. Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Other: Oth	Signed statement attached delating inventorics in his prior application as a 37 C.F.R. § 1.53(4)(2) and 1.33(b). 15.	-)* ·	Statement(s)			
See 37 C, F, R. § 1.63(U)(2) and 1.33(b). [I VOIT LOW ITEMS 1 1 3 IN ORIPOR TO BE INTRICATORY SMALL ENTITY IF ONE FILED IN A PRICE APPLICATION, Chack appropriate tox, and supply the requisite information below and in a preliminary amendment: Continuation	See 37 C.F.R. § \$ 1.63(U)(2) and 1.33(b). Voit [United to the property of the control of the property of th	See 37 C.F.R. § 1.63(4)(2) and 1.33(b) 15. Other:		Signed statement attached deleting	Certified Copy of Priority Document(s)			
Type for the state whith the state which the state of the	ONT COUNTRY 3 1 13 in cipper to be committed by small entity	Continuation Cont		inyonter(s) named in the prior application, see 37 C.F.R. 66 1 63(4)(2) and 1 33(b).	(li foroign priority is claimed)			
18. It a CONTINUING APPLICATION, chack appropriate tax, and supply the requisite information below and in a preliminary amandment. Continuation Divisional X Continuation-the-part (CIP) of prior application to 09/427,050 Prior application information: Exeminer Continuation of the prior application from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation and is hereby incorporated by reference. The incorporation can only be relied upon when a partion has been inadvarently emitted (from the submitted application partic.) 17. CORRESPONDENCE ADDRESS	18. It a CONTINUING APPLICATION, chack appropriate text and supply the requisite infannuling below and in a preliminary emendment: Continuous Divisional Continuous Continuous Continuous of the prior application No 09/427.050 Prior upplication information: Exeminer Exeminer Exeminer Continuous Divisional Continuous Continuous of the prior application No 09/427.050 Prior upplication information: Exeminer Exe	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite inferentiation between the property of the prior application to 09/427.050 Prior upplication information: Examines Group / An Unit: Group / An Unit: For CONTINUING APPLICATION, check appropriate box, and supply the requisite inferentiation to 09/427.050 Prior upplication information: Examines Group / An Unit: Group / An Unit: Group / An Unit: For CONTINUATION or DIVISIONAL APPS only: The antire disclosure of the prior application, from which an eath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or division and is hereby incorporated by reference. The incorporation can paid be reflect upon when a portion has been inedvariantly omitted from the submitted application particular. 17. CORRESPONDENCE ADDRESS Coupler Number or that Gode Labert (Insert Customer No. or Attach box code International Property Department 22 W. Frontage Road City Northfield Single II Zip Code 60015 Country USA Tolopacon 847-501-2219 Fax 847-446-9359 Number (Prior View Paul S. Tully Regions) Paul S. Tully Regions/for No. (Allector Agent) 44,377	TVOTE COR	LITERS 1 & 13 IN ORDER TO DE COMPLETO TO SAY SMALL FORMY	15 Other:			
18. If a CONTINUING APPLICATION, check appropriate tox, and supply the requisite information below and in a preliminary amendment. Continuation Divisional X Continuation-in-part (CIP) of prior application no 09/427.050	18. It a CONTINUING APPLICATION, chack appropriate fox, and supply the requisite information below and in a preliminary amondment: Continuation Divisional X Continuation-in-part (CIP) of prior application to 09/427.050 Prior application information: Exercise E	18. If a CONTINUING APPLICATION, chack appropriate box, and supply the requisite information below and in a preliminary amendment: Continuention	I IIARPS. A SM	ALL ENTITY STATEMENT IN REQUIRED OF CEA # 121 BYCERY	анталия (положения положения положен			
Continuation Divisional X Continuation-in-part (CIP) of prior application to 09/427,050 Frior application information: Exeminer Group / An Unit: Ent CONTINUATION of Divisional APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can pair be relied upon when a portion has been inadvertently omitted from the submitted application ports. 17. CORRESPONDENCE ADDRESS Correspondence address below	Continuation Divisional X Confinestion-in-part (CIP) of prior popilication No 09/427,050 Fritor upplication information: Exeminer For CONTINUATION or DIVISIONAL APPS only. The antire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the ecompanying continuation or divisional application and is hereby accorporated by reference. The incorporation can only be reflect upon when a portion has been inadvertently omitted from the aubmitted application parts. 17. CORRESPONDENCE ADDRESS 17. Correspondence address below Correspondence address below Correspondence address below Intellectual Property Department 22 W. Frontage Road City Northfield Sinto II Zie Code 60015 Country USA Telephone 847-501-2219 Fax 847-446-9359	Continuation Divisional X Continuation-in-part (CIP) of prior application No 09/427.050			test the results before the before			
Prior upplication information: Exeminer Group / An Unit: Eor CONTINUATION of DIVISIONAL APPS only: The antire disclosure of the prior application from which an oath or declaration is supplied under Box 4b, le considered a part of the disclosure of the secompanying continuation or divisional application and is hereby accorporated by reference. The incorporation can only be refled upon when a portion has been inadvertently emitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Cusiomer Number or har Cade Labert.	Prior application information: Exeminer Group / An Unit: Exercised Services of the prior application from which an each or declaration in supplied under Box 4b, is considered a part of the disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently emitted from the submitted application partin. 17. CORRESPONDENCE ADDRESS Correspondence address below Intellectual Property Department 22 W. Frontage Road City Northfield Sinto II. Zip Code 60015 Country USA Telephone 847-501-2219 Fax 847-446-9359	Prior application Integristion: Exeminer Group / An Unit: Ear CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby encorporated by reference. The incorporated part of the disclosure of the accompanying continuation or divisional application and is hereby encorporated by reference. The incorporated part of the disclosure of the accompanying continuation or divisional application and is hereby encorporated by reference. The incorporated part is reference. The incorporated application is supplied under Box 4b, is considered application in supplied under Box 4b, is considered and is neglected by reference. The incorporation and is hereby encorporated by reference. The incorporation and is hereby encorporated application in supplied under Box 4b, is considered and is neglected by reference. The incorporated application is neglected by reference and incorporated application is neglected by reference and incorporated application is neglected by reference and incorporated application is neglected under Box 4b, is considered application in supplied under Box 4b, is corporated by reference and incorporated application in supplied under Box 4b, is corporated by reference. The incorporated by reference and incorporated application is neglected under Box 4b, is corporated by reference and incorporated by reference and incorporated by reference and incorporated application is neglected under Box 4b, is corporated by reference and incorporated by reference and incorporated by reference and incorporated by reference and incorporated application is neglected under Box 4b, is corporated by reference and incorporated application in declaration is neglected under Box 4b, is corporated by reference and incorporated application in declaration		Continuation Divisional X Continuation-in-san (C	IP) At allow population big May 27 050			
under Box 4b, is considered a part of the disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby accompanying continuation or divisional application and is hereby accompanying continuation or divisional application parts. 17. CORRESPONDENCE ADDRESS Correspondence address below	Name Paul S. Tully Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield Sinto IL Sinto Sinto IL Sinto USA Tolepicon Stepan Company Description Sinto Tolepicon Sinto Sin	Paul S. Tully Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield Sinto IL Zip Code 60015 Country USA Fair Intellectual S. Tully Regions:[Cn No. (Alterno Magent) Paul S. Tully Paul S. Tully Stepan Company Intellectual Property Department Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Stepan Company Intellectual Property Department Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Regions:[Cn No. (Alterno Magent) Addisonal Paul S. Tully Regions:[Cn No. (Alterno Magent) Number Other Paul S. Tully Regions:[Cn No. (Alterno Magent) Regions:[Cn No. (Alterno Magent)	Prior up	polication information: Examiner	Comment And I faith			
17. CORRESPONDENCE ADDRESS Cr	Consistent Number of the Cade Laber Consistent Na. or Affach box code laber here) Correspondence address below	Customer Number or har Cade Laber Correspondence Application partia. 17. CORRESPONDENCE ADDRESS Cr X Correspondence address below Customer No. or Affact bor cade laber here) Cr X Correspondence address below Customer No. or Affact bor cade laber here) Cr X Correspondence address below Cr X Correspon	For CONTIN	MATION of DIVISIONAL APPS only: The antire disclosure	the miles application from the barriers			
17. CORRESPONDENCE ADDRESS Cr	Consignment Number of the Cade Laber Consignment No. or Affects bor, code Interference of the Correspondence of the Corresponden	Customer Number or har Code Laber Contemporation Co	reference. T	The Incorporation can only be relied upon when a portion t	ing continuation or divinity application and is hereby incorporated by its been inadvertently emitted from the submitted application parts.			
i i at many appropriately apply I	Name Paul S. Tully Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield State B. 12 Code 60015 Country USA Telepartment 847-501-2219 Fax 847-446-9359	City Northfield Stephen Step		17. CORRESPONDE	NCE ADDRESS			
i i at many appropriately apply I	Name Paul S. Tully Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield State B. 12 Code 60015 Country USA Telepartment 847-501-2219 Fax 847-446-9359	City Northfield Stephen Step	Га	7(3)				
Third Department of Marie Code (Maril 1999)	Name Paul S. Tully Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield State IL Zie Code 60015 Country USA Teleparan 847-501-2219 Fax 847-446-9359	Paul S. Tully Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield State IL Zie Code 60015 Country USA Teispacin 847-501-2219 Fax 847-446-9359 Numb (Print/Type) Paul S. Tully Fagigues (en No. (Attorne Magent) 44,377	LI Cusion	<u>:</u>	י עו באין האינון באין וווויים באינון אינון באינון באינ			
Paul S Tully	Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield State IL Zie Code 60015 Country USA Telepartment 847-501-2219 Fax 847-446-9359	Stepan Company Intellectual Property Department 22 W. Frontage Road City Northfield State IL Zie Code 60015 Country USA Telephorin 847-501-2219 Fax 847-446-9359 Numb (Plantype) Paul S. Tull Regional [en Na. (Attorne Magent)] 44,377		The state of the s	AT THE COOL MAIN WAY			
(rding	Address Intellectual Property Department 22 W. Frontage Road City Northfield State IL Zie Code 60015 Country USA Teleparan 847-501-2219 Fax 847-446-9359	Address Intellectual Property Department 22 W. Frontage Road City Northfield State IL Zie Code 60015 Country USA Totopacin 847-501-2219 Fax 847-446-9359 Numb (Print/Type) Paul S. Tulk Registration No. (Attorne Magent) 44,377	empN					
Intellegated Property, December	22 W. Frontage Road	22 W. Frontage Road	A					
Address	Country Northfield State	Country USA Totophena 847-501-2219 Fax 847-446-9359 Numb (Phortype) Paul S. Tulk Regional 44,377	Address					
C. 15.11	Country USA Telephone 847-501-2219 Fax 847-446-9359	Numo (Printrype) Paul S. Tull Registras(en No. (Attorno Magent) 44,377	City		IL Zie Gode 60015			
1104	Aluma (Amazara) D. 10 th 10	Numb (PINUTYPE) Paul S. Tull Regions:[en No. (Attotno Magent) 44,377	Country					
		Statute 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Numo (
Numb (PinyType) Paul S. Tulk	Statute 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TO THE PARTY OF TH	Signatur		Ogio			

Eurdon Hour Statement: This term to estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual costs. Any comments on the amount of time you are required to complete into form should be sent to the Chief Information Officer. Potent and Transmerk Officer, Washington, IDC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Application (Machine) on the Parameter. Box Patient Application, Washington, DC 20231.



Attachment to PTO/SB/05 (4/98) Utility Patent Application Transmittal

1. PHTHALIC ANHYDRIDE BASED POLYESTER-ETHER POLYOLS AND DOUBLE METAL CYANIDE CATALYST SYSTEM FOR PREPARING SAME

PTOISBITT (12)000 Approved for use inicular cardoscol. OMD 0651-003 Pelegi and Tridemark Office: U.S. PEPARTMENT OF COMMERCE Plaction of information unless it declars a vally OMS control number

FEE TRANSMIT Complete if Known for FY 2000
Patent fors are subject to annual revision. Small Entity payments must be supported by a small entity eleteriant offurnish lenga only lose must be paid See Forms PTO/SB/09-12 See 3/ C.F.R. §§ 1,27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)2,130.00

	The state of the s
Application Number	
Filing Date	October 25, 2000
First Named Inventor	Eric Geiger
Examiner Name	
Group / Art Unit	
Afternay Dockel No.	T99.005-B

METHOD OF PAYMENT (chack one)	FEE CALCULATION (continued)			
1. Ine Commissioner is hereby sufficient to charge	3. ADDITIONAL FEES			
Indicated less and credit any overpayments to:	Lurga EntitySmall Entity Fee Fee Fee Fee Fee Fun Duncrieties	F *		
Account 500904	Code (5) Code (5)	Fee Pald		
Numbar 200304	105 180 205 85 Syrcherge - Into Aling for of orth	0.00		
Dapoul!	127 50 227 26 Strenning - late provisional filing fee of cover speet.	0.00		
Account Stepan Company-Paul Tully	130 130 130 130 Non-English specification	0.00		
Sharpe Any Additional Fee Peoples	147 2,520 147 2,520 Par filing a rugulost for roexamination	9.00		
1△ Und=747 CFR \$8 1.18 (054 1.17	112 820* 112 920* Requesting publication of SIR prior to	2.00		
2, Payment Enclosed:	Examiner scuph	0.00		
Chook Majay Other	113 1,840° 113 1,840° Requesting publication of SIR alto: Examinar action	0.00		
FEE CALCULATION	115 119 215 55 Extension for raply which first month	0.00		
	118 380 218 190 Extension for reply which aecond month	0 00		
1. BASIC FILING FEE Large Entity Small Entity	117 B70 217 435 Exianalan for reply within third month	0.00		
Feb For For For For Description	יינוטון הואויים פול פון און און און און און און און און און א	0.00		
104 (100 004 048 1688) (1048)	128 1,850 228 825 Extension for roply within fifth month	0.00		
101 690 201 343 Hilling filter fat 690,00	110 900 219 150 Notice of Appeal	0.00		
107 463 207 240 Plant Sting fee	150 305 550 120 Elline a pijel ili shtbou of ou abbest	0.00		
108 890 208 345 Reisaue filing fee	121 250 221 130 Request for crail paping	0.00		
11A 150 214 75 Previsional fights fee	138 1,510 158 1,510 Pelitian to Institute a public was proceeding	0.00		
FURTONAL (4) (5) 600 00	140 110 240 55 Pullion to rovive - unavoldable			
SUBTOTAL (1) (5) 690.00	141 1,210 241 605 Petition to revive - uninjunitorial	0.00		
7. EXTRA CLAIM FEES	142 1,210 242 006 Villiy (saud fee (or relations) 143 430 243 215 Doulge (ostre fee	0,00		
Extra Ctabus Line Water Fon Pold	143 430 243 215 Douign (caste for 144 680 244 200 Pignt (aste for	0.00		
independent [] ave 110 V 78 1290	122 130 122 130 Petitions to the Commissionar	0.00		
Claims Multipie Dependant Z60 = 260	ancipaga (encisivers at testing analysis 22 22 02 EST	0.00		
"or number previously paid, if greater, For Releavos, see below	128 240 126 260 Submission of Information Disciparies Signi	0 00		
Large Entity Small Entity	The AV Cos AV	0.00		
fas Fee Fee Fee Fee Description Code (5) Code (5)	Rucording such potent uneignment per property (limes number of properties)	40.00		
ton to 200 B Cipinga in execut of 20	148 880 248 343 Fling a suppliesion gains fine selection			
102 YU 202 30 Independent cirilina in excess of 3	(37 CFR (11129(a))	0.00		
104 230 204 130 Mulliple dependent claim. If not paid		0.00		
100 70 200 39 " Rejasua Independent claims ever engine i pampi	Other fee (specify)	0.00		
110 16 210 8 Release claims in excess of 20	Const to tapacity	0.00		
and over original bateur	Other fee (specify)	0.00		
SUBTOTAL (2) (\$) 1,400.00	Reduced by Beelc Filing Fee Paid SUBTOTAL (3) (5) 4	0.00		
SUBMITTED BY Compision (if applicable)				
Name (Prinutypa) Paul S. Tully	(Antorios/Aguno 44,31/) (Bispilone 847-501	<u>-2219</u>		

SI	IBMITTED BY					Complain	(applitable)	
Na	nie (PrintTyps)	Paul S. Tully		Hagia(Intlon No. (Atturioy/Agund	44,377	Telephone	847-501-2219	
Sig	nelpp	Ven	1 July			Delo	10/25/2000	
		WARNING;						

information on this form may become public, Credit card information should not be included on this form. Provide credit card information and authorization on PTO,2038.

Surgan Hour Swidney: This form is settimetal to take 0.2 hours to complete. This will very depending upon the neede of no individual sees. Any comments on the amount of days you are required to complete this form should be sent to the Chief Information Officer. Putant and Tradelpart Office, Westington, DC 20231. DO NOT SEND FEES DR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents. Washington, DC 20231.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No.: T99,005-B)

In re Applica	ation of:)
Eric J	l. Geiger; Douglas K. Hillshafer)) `
Serial No.:	To Be Assigned)) `
Filed:	Concurrently Herewith))
For:	Phthalic Anhydride Based Polyester-Ether Polyols And Double Metal Cyanide Catalyst System For Preparing Same	1))))

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Assistant Commissioner for Patents Washington, D.C. 20231 BOX PATENT APPLICATION

Sir or Madam:

"Express Mail" Mailing Label Number: EK323647096US

Date of Deposit: October 25, 2000

Attached Paper or Fee:

- 1. Declaration for Utility or Design Patent Application (37 CFR 1.63);
- 2. Copy of continuation in part patent Application, Case No. T99,005-B (52 sheets including cover sheet, claims and abstract);
- 3. Utility Patent Application Transmittal;
- 4. Fee Transmittal for FY 2000;
- 5. Assignment;
- 6. Recordation Form Cover Sheet
- 7. Power of Attorney; and
- 8. PTO Acknowledgement Postcard.

I hereby certify that the attached paper(s) or fee(s) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant commissioner for Patents, Patent Application, Washington, D.C. 20231

Karen Ford